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Committee on the Peaceful Uses of Outer Space

Information furnished in conformity with the Convention on Registration of Objects Launched into Outer Space

Note verbale dated 3 June 1999 from the Permanent Mission of India to the United Nations (Vienna) addressed to the Secretary-General

The Permanent Mission of India to the United Nations (Vienna) presents its compliments to the Secretary-General of the United Nations and has the honour to transmit, in accordance with article IV of the Convention on Registration of Objects Launched into Outer Space,* information concerning the launching of satellites INSAT-2E and IRS-P4 (see annex).

* General Assembly resolution 3235 (XXIX), annex, of 12 November 1974.

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Annex

Registration data for Indian space objects*

Name of the launching State:	India	
An appropriate designator of the space object or its registration number:	INSAT-2E	
Date and place of launch:	Launch vehicle:	ARIANESPACE flight 42P
	Launch date:	3 April 1999
	Launch site:	Guiana Space Centre (CSG) Kourou, French Guiana
Orbit character:	Geostationary orbit	
Basic orbital parameters:	Longitude:	83±0.1 degrees E
	Nodal period:	1,436 minutes
	Inclination:	< 0.1 degrees
	Apogee radius:	42,188 kilometres
	Perigee radius:	42,142 kilometres
General function of the space object:	INSAT-2E is a multi-purpose satellite that will provide the following services:	
	Domestic and international telecommunication services	
	Radio and TV programme distribution	
	Meteorological satellite services	

* The registration data are reproduced in the form in which they were received.

Name of the launching State:	India	
An appropriate designator of the space object or its registration number:	Indian Remote Sensing (IRS-P4) satellite (Oceansat-1)	
Date and place of launch:	Launch vehicle:	Polar Satellite Launch Vehicle (PSLV-C2)
	Launch date:	26 May 1999
	Launch site:	Sriharikota Range (SAHR), India
Basic orbital parameters:	Apogee height:	733.9 kilometres
	Perigee height:	717.5 kilometres
	Inclination:	98.385 degrees
	Orbital time period:	99.43 minutes
General function of the space object:	The Indian Remote Sensing (IRS-P4) satellite carries an Ocean Colour Monitor (OCM) payload and a Multi-frequency Scanning Microwave Radiometer (MSMR). OCM will observe the optical properties of phytoplankton pigments, inorganic suspended sediments and yellow substance of the oceans. MSMR operates in four frequencies and measures geophysical parameters such as atmospheric water vapour, sea surface temperature, precipitation over oceans, ocean surface winds, etc.	
State of jurisdiction:	India	